ROE Display Solutions

Vanish Acoustics

Where Sight Meets Sound

INDOOR FIXED INSTALL

“The Fully Integrated Acoustically Transparent LED Solution”

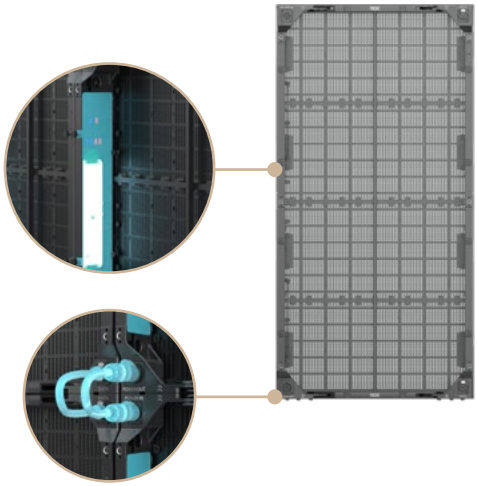
See Every Detail. Hear Every Sound.

The VC Series lets sound pass cleanly through the screen, so your audience experiences picture and audio exactly as intended — no muffled dialogue, no compromised mix, no visible speakers fighting for space. One surface delivers both.

- Unparalleled visual performance
- Lightweight
- Curving capability
- 99% sound transmission
- Quick install
- Easy maintenance

99%

SOUND TRANSMISSION



Acoustic & Aesthetic

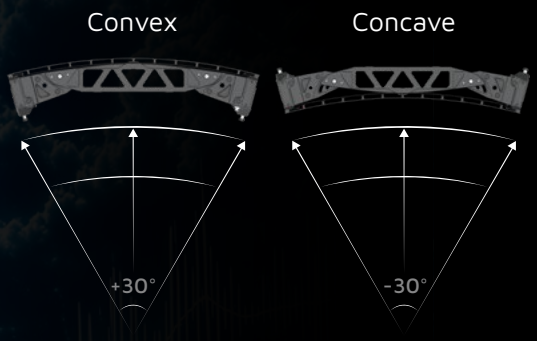
With 23% visual transparency and 99% sound transmission, the VC Series lets nearly all your audio pass straight through, reaching your audience clear, centered, and locked to the action on screen. The display stops being a barrier and becomes part of the performance.

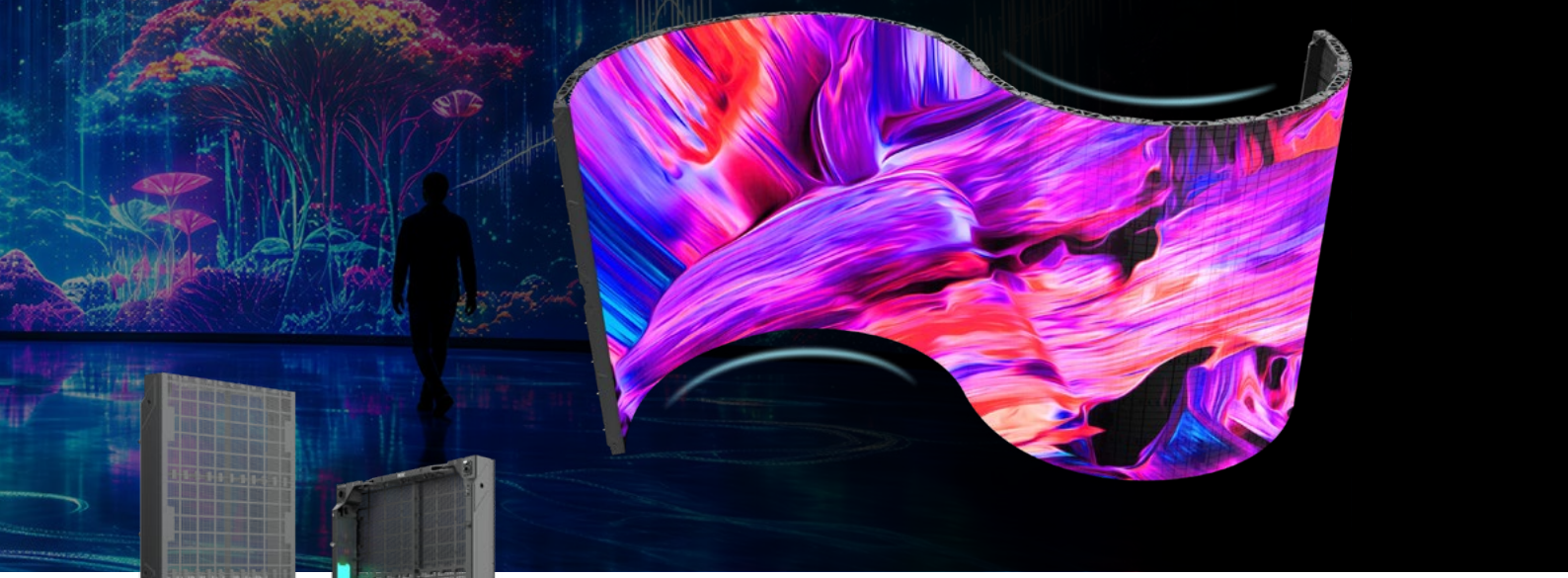
Engineered to GB/T 32200-2015, the VC Series holds sound attenuation to ≤1dB from 500Hz to 12.5kHz, preserving the frequency response curve so audio reaches the room almost exactly as mixed. A true “Sound-from-Picture” experience — essential for high-end theaters, theme park attractions, and immersive spaces.

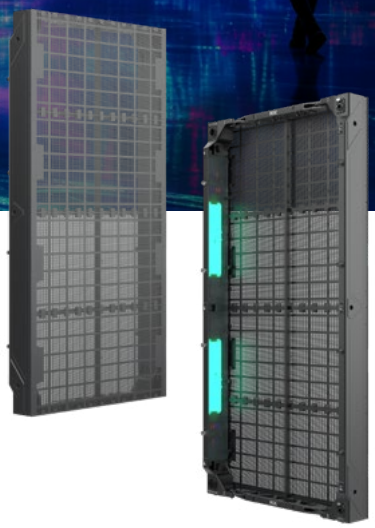
The VC Series’s industry-first “Clean-Face” architecture hides the PSU and all cabling inside the frame — eliminating cable interference with sound waves and delivering an install that looks as professional as the content playing on it.

Shape Your Vision Without Limits

A P2.6 pixel pitch keeps the image clear through every bend, and a proprietary curving system with ±30° adjustable angles lets the VC Series wrap stages, lobbies, and imperfect walls without compromise. An on-site micro-adjustment tool fine-tunes each panel in place for smooth, seamless transitions and a gap-free finish from any angle.







Engineered for Mission-Critical Stability

Industrial-grade redundancy and built-in power backup make sure that moment never arrives — your brand stays on screen, your audience stays in the experience, your team stays out of crisis mode. A dependable asset for flagship showrooms, corporate headquarters, and high-stakes exhibitions.

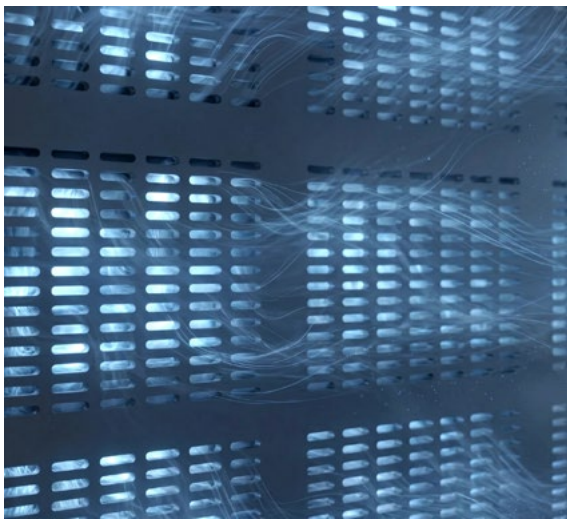
Elevated Experience, Lower Maintenance cost

A premium display shouldn't come with premium headaches.

Large-format modules and ultra-lightweight frames cut install time and labor cost.

Standardized internal wiring simplifies acoustic and electrical planning.

And the same acoustic openings that pass sound through the screen also vent heat — passive cooling that extends LED life without extra fans, noise, or failure points.

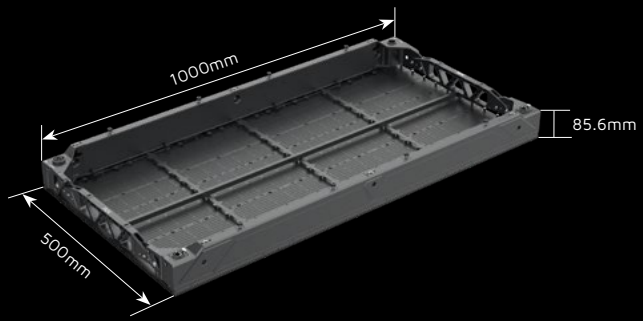


Specifications

Vanish Acoustics	Vanish Acoustics 2.6
Pixel Pitch	2.604mm
Max Brightness Calibrated	1000nits
Panel Dimension	500mm x 1000mm x 85.6mm 19.69" x 39.37" x 3.37"
Panel Resolution (H x V)	192 x 384
Weight Per Panel	9.26kg; 20.41lbs
Panel Power Consumption Max / Average	210 / 105W
Panel BTU Max / Average	720 / 360
Transparency	23%
Serviceability	Front / Rear
Curving (Concave & Convex) *1	Concave 30°~Convex 30°
LED Configuration	SMD 1212 Black
Viewing Angle Horizontal	160°
Viewing Angle Vertical	160°
Scan Ratio	1/16
Refresh Rate	7680Hz
Gray Scale	16bit
Processing Platform	Novastar / Brompton / Megapixel / Evision
Frame Material	Aluminum Alloy
Operational Temp / Humidity	-20°~45°C, 10%~90% RH -4°~113°F, 10%~90% RH
Storage Temp / Humidity	-40°~60°C, 10%~90% RH -40°~140°F, 10%~90% RH
IP Rating	IP54
Certifications	CE, CB, ETL, FCC, UKCA, WEEE

*Note: The specifications are for reference, actual values may vary.
*1. Convex curving ability only applies to custom tiles.

Dimensions



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